

Alchemis Litepaper

AN INTRODUCTION TO ALCHEMIS



**” Alchemis is
innovating
DeFi with
personalized,
AI-developed
strategies”**

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The Issue with DeFi

The Solana ecosystem is filled with many great earning protocols, all unique in their own way and suited for a certain type of investor. These perfectly meet the demand because most Solana users wish to earn revenue on their assets.

However, a lot of these protocols are under-used because most users still don't deposit their assets onto these projects, although perfectly suited for their needs. The problem then is not that the ecosystem misses valuable projects, nor is it the lack of interest of investors.

It is, as we believe, an issue of difficulty to access information and determine which protocol best suits the individual user, as most investors lack the time and knowledge to effectively make these decisions.

Introduction

Alchemis positions itself as the bridge between investor and project, providing every user with a personalized, diversified strategy to best fit his needs. By employing AI to efficiently analyze and recommend protocols we aim to enable investors to reach their goals by providing them a one-click option to truly diversify their assets and optimize their yield.

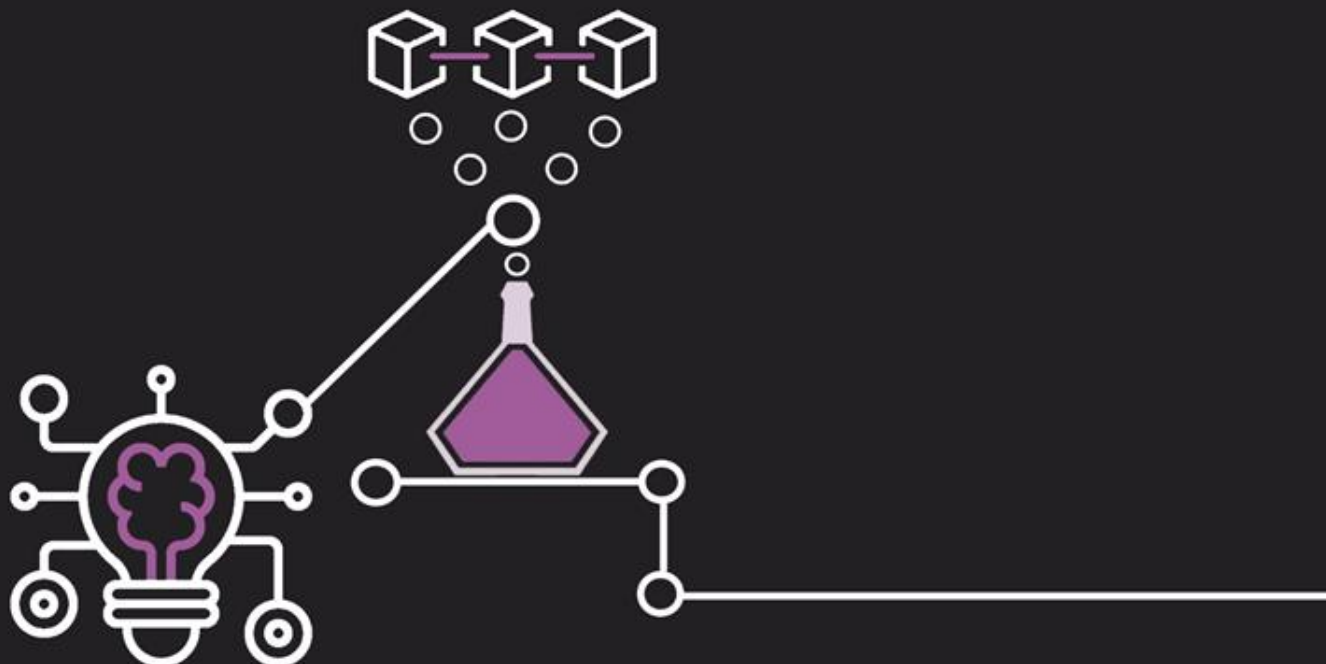
This is Alchemis



Machine learning

Accurately assessing the quality of all yield-earning projects on the Solana blockchain in real time would definitely be an impossible task for a human being. This is why we are developing a **machine learning protocol** that uses regression models on past data to analyze these projects. Using this information, we are able to infer the most important values for factors such as TVL and token market cap to evaluate yield and risk.

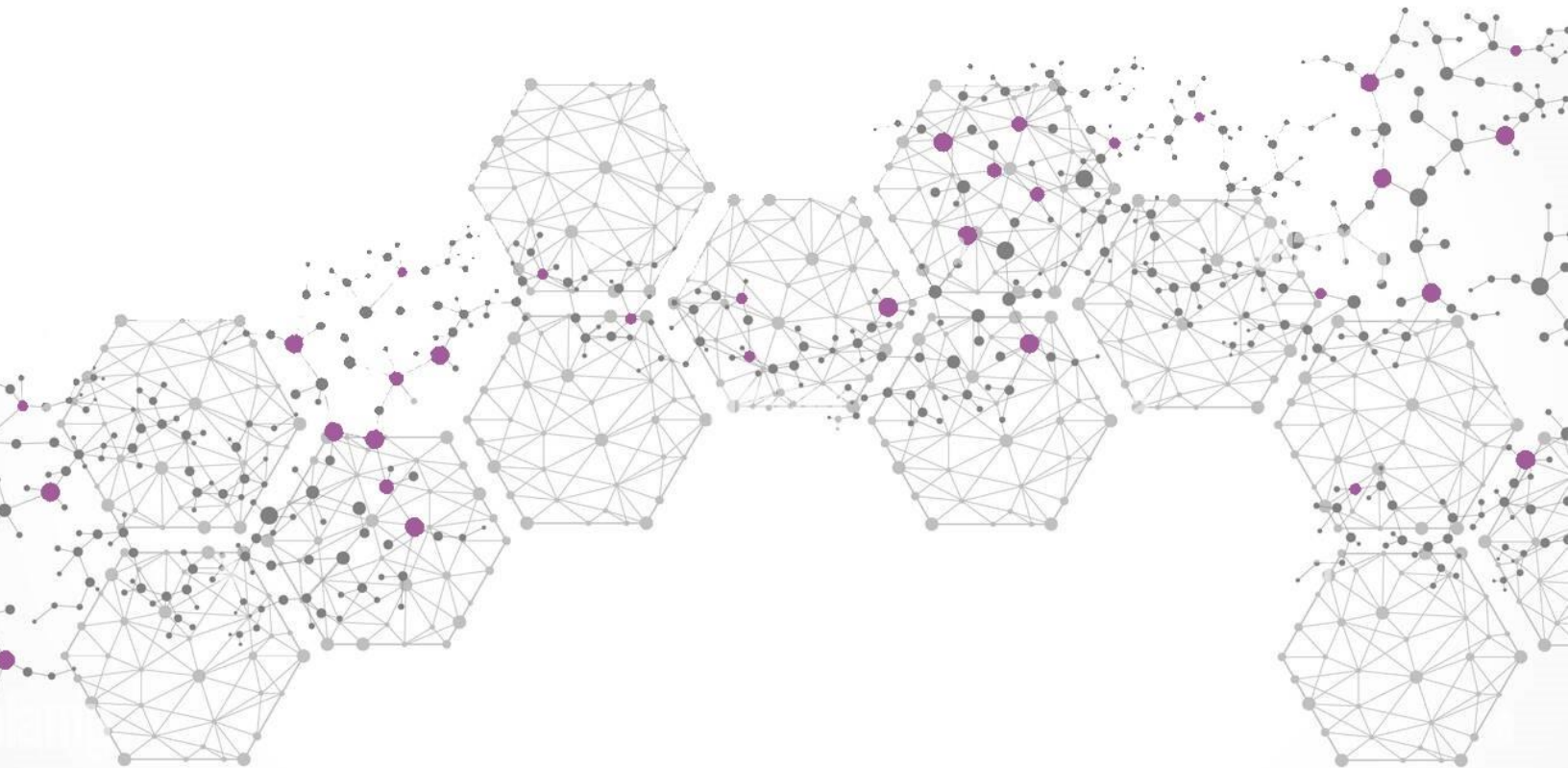
Consequently, we run this analysis program on every protocol on Solana in real time, enabling us to classify every project by risk and yield expectation.



How we do it

Strategy recommendation

Our users can then select their investing personality by communicating their risk-tolerance and budget, which we use to invest their capital into suited protocols that correspond to their needs. We however never take control of our users' assets, as assets are only deposited into a smart contract, which we do not have direct access to.

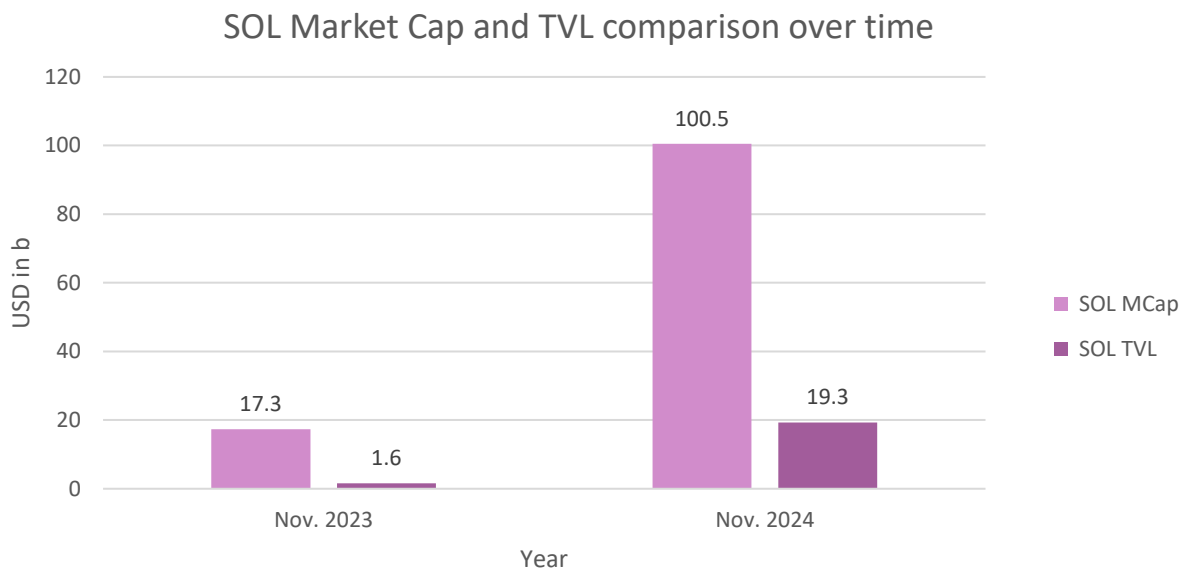


Market figures

Market figures

The Total Value Locked (TVL) on the Solana ecosystem is **\$16B**, while the Market Cap of SOL alone is **\$100B**, which means that more than **80%** of the liquidity on Solana isn't earning on its assets. As we stated, we believe it is due to the difficulty to access information. By closing this gap, the potential market of Alchemis is around **\$84B**, all conditions equals.

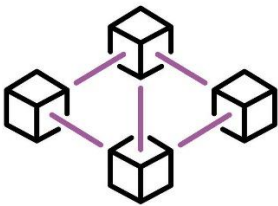
However, we all know that the Solana ecosystem is a rapidly growing ecosystem, having experienced a **12x growth in TVL** in the last year. We expect the market to continue growing in the years to come, which represents an immense opportunity for us.



Source: Coinglass

The ALS Token

The ALS token powers the Alchemis ecosystem, serving multiple purposes.



Protocol

Interaction

ALS enables users to deposit their tokens on the Alchemis protocol to start earning.



Governance

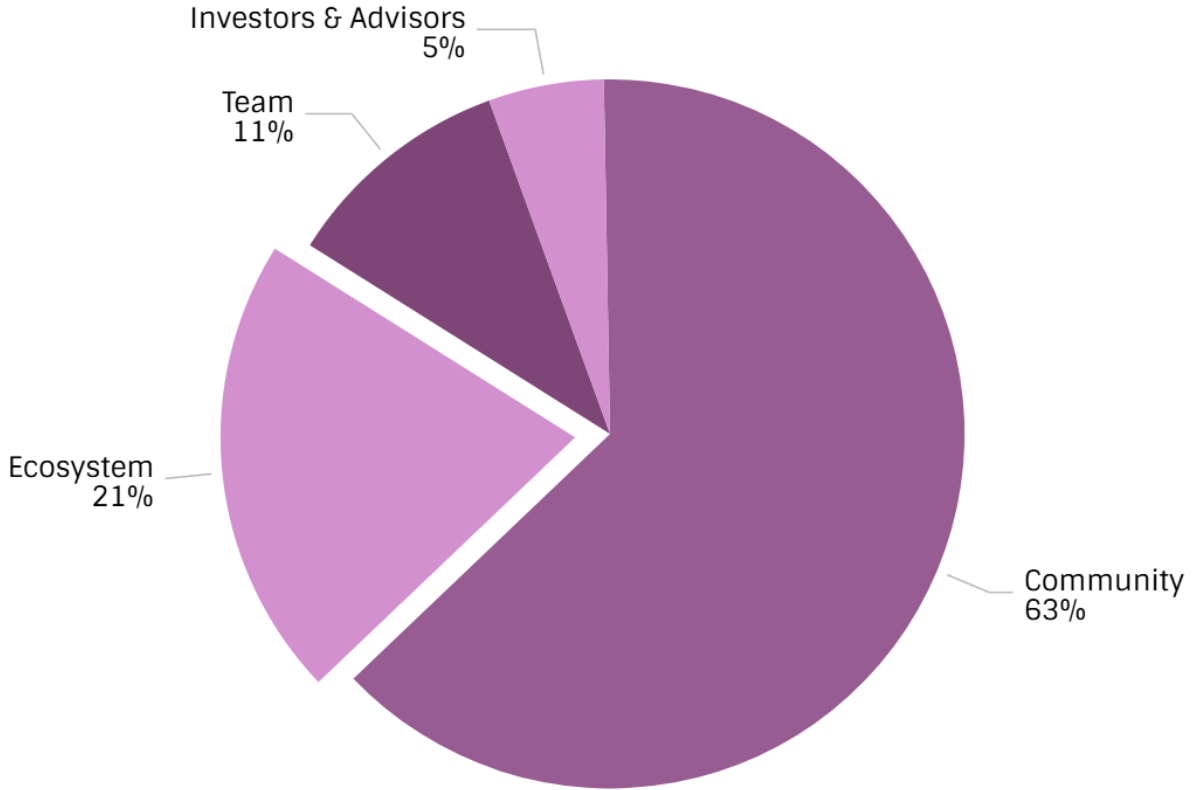
ALS token holders will have the opportunity to shape the future of Alchemis by regularly voting.



Liquidity Pool

The native Alchemis liquidity pool incentivizes users to deposit ALS combined with another asset.

Allocations at TGE



Vesting Periods

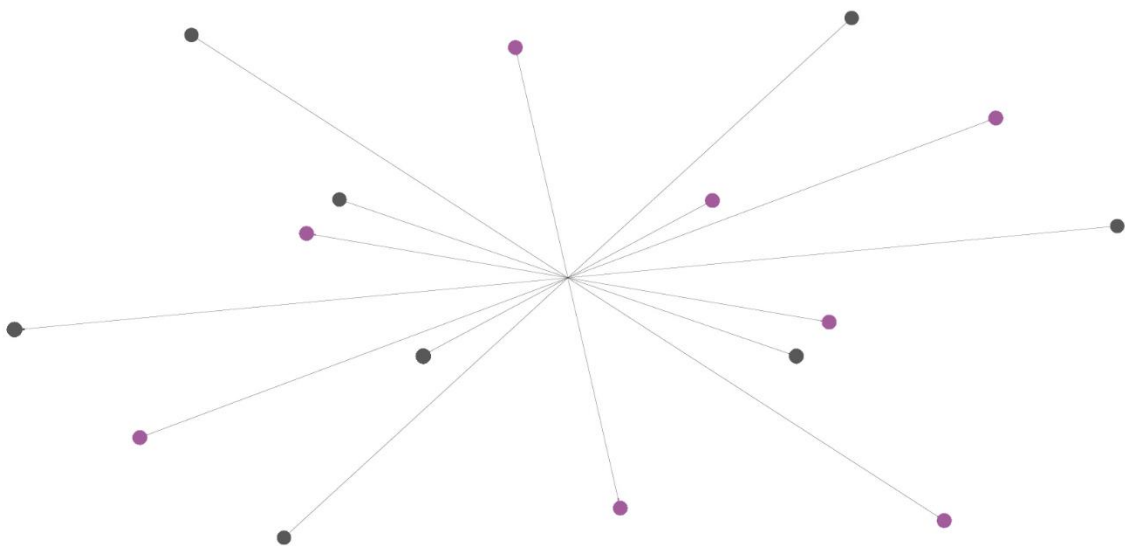
Category	Duration
Community	100% at TGE
Ecosystem	25% at TGE, 18 months logarithmic vest
Team	3 months cliff, 12 months linear vest
Investors & Advisors	3 months cliff, 9 months linear vest

About us

About us

We are a team of innovators, technologists, and financial enthusiasts who believe in the transformative power of blockchain technology.

Founded by **Jan Andersen**, blockchain developer since 2019 and co-founded by **Erik Langström**, financial analyst, Alchemis is on it's mission to develop the next generation of DeFi.



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